

**Issuance Date:** August 14, 2006  
**Expiration Date:** August 13, 2007

**SLUDGE DISPOSAL FACILITY PERMIT**

WASHINGTON STATE DEPARTMENT OF ECOLOGY  
P.O. BOX 47600  
OLYMPIA, WASHINGTON 98504-7600

IN COMPLIANCE WITH THE PROVISIONS OF  
Chapter 70.95 RCW and Chapter 173-350 WAC

FACILITY TYPE:	Sludge Disposal Facility
FACILITY NAME:	Shell Puget Sound Refining Company sludge disposal site
FACILITY LOCATION:	Shell Puget Sound Refining Company West March Point Road Anacortes, WA 98221
FACILITY OPERATOR:	Brian Rhodes Mark Koslicki
FACILITY MAILING ADDRESS:	Shell Puget Sound Refinery PO Box 622 Anacortes WA 98221
TELEPHONE:	(360) 293--1761

Shell Puget Sound Refinery is authorized to operate and maintain the aforementioned Facility in accordance with the special and general conditions, which follow.

---

Carol Kraege, P.E.  
Manager, Industrial Section  
SWFAP

This permit is issued by the Department of Ecology and may be suspended or revoked with the opportunity for appeal upon violation of any rules or regulations applicable hereto. This permit is issued to the owner/operator for the specific facility indicated above and is not transferable without written notice to Ecology and its concurrence based on the agreement of the new owner to comply with the permit conditions. The permit must be renewed annually as provided in WAC 173-350.

The Operation and Maintenance Plan for the Shell Puget Sound Refinery landfarm sludge disposal site is incorporated by reference as part of the terms and conditions of this permit. Any deviations or changes must be made in writing for review and approval prior to implementation or noted upon application for renewal as provided in WAC 173-350.

This facility will comply with the conditions of this permit, WAC 173-350 and other applicable regulations. If there are any conflicts between any of the applicable regulations, the more restrictive regulation shall apply.

## **Part I SPECIFIC PERMIT CONDITIONS**

### **A. Reporting requirements**

All reports shall be forwarded directly to  
Ecology  
Industrial Section  
PO Box 47600  
Olympia WA 98504-7600.

The permit holder shall prepare and submit the annual report to Ecology by **March 31<sup>st</sup> of each year**. The annual report shall cover facility activities during the previous calendar year and must include, at a minimum, the following information:

1. Name, address of the facility, and the owner/operator;
2. Calendar year covered by the report;
3. A summary of operation and maintenance activities as specified in the permit and operations plan including:
  - annual quantity, in tons, or volume, in cubic yards of, sludge
  - handled and disposed of at the facility,
  - the monitoring results for the report year; and
  - a statistical analysis of the report year results and past monitoring results including a discussion of statistically significant changes (both temporal and locational) in the monitoring report.

B. Minimum Standards for Maintenance

The permit holder shall provide all activities necessary to allow for continued facility maintenance. These activities include, but are not limited to:

1. Prevention and control of dust on site when necessary;
2. Maintenance of facility systems, access roads, gates, equipment, fencing and all facility structures; and
3. The permit holder must comply with the operations manual. The operations manual shall be updated periodically and any updates or changes must be approved by Ecology.

C. Minimum Standards for Performance

The permit holder shall provide all activities necessary to allow for the continued monitoring of the facility to protect human health and the environment.

1. Drainage and Runoff

Runoff from the landfarm disposal site shall be diverted into the catch basin/collection sump and routed back to the wastewater treatment plant. Any leachate produced from the sludge must be disposed of into the sanitary sewer. The facility storm water system must be maintained and shall not contaminate surface waters at or adjacent to the facility site.

All sludge intended for disposal within the landfarm site shall be confined in receiving area(s) until the sludge can be land applied. Any leachate from the sludge must be applied to the land application site or back into the wastewater treatment system.

**Part II GENERAL PERMIT CONDITIONS**

- A. All conditions of this permit shall be binding upon the facility owner/operator (permit holder), and the permit holder shall be responsible for all contractors and agents of the permit holder, for the term of the permit period.
- B. The permit holder shall notify Ecology in advance and in writing, of any proposed alterations or additions to the permitted facility or changes planned in solid waste handling practices or operations.

- C. Facility operations and maintenance shall be conducted in compliance with Chapter 173-350 WAC and other applicable federal, state, and local regulations, and the conditions of this permit. In the event of conflict between state and local regulations, the more stringent requirement shall apply.
- D. The permit holder shall allow any duly authorized officer, employee, or representative of Ecology to inspect, at any reasonable time, the site, facilities, structures, records, and equipment required or regulated under the terms and conditions of this permit. The permit holder shall bear the analysis cost of any samples Ecology deems necessary to assure compliance with permit conditions.
- E. The site shall be operated in a manner to prevent the contamination of groundwater, surface water, air, land, and adjacent properties.
- F. Ecology shall be notified immediately of any spills or discharges or incidents of non-compliance at the facility.
- G. Unauthorized public access, entry and/or disposal at the site shall be controlled and restricted, by means of a barrier, or other means approved by Ecology as outlined in the approved Operations Plan for the facility.
- H. This permit is subject to suspension if Ecology finds that the facility is being operated in violation of RCW 70.95 or WAC 173-350 subject to the appeals process outlined therein.
- I. This permit or a copy thereof, along with the Operations Plan shall be displayed where operating personnel can readily refer to the documents.
- J. Terms pertaining to solid waste used in this permit shall be defined per 173-350 WAC.